

ABSTRACT OF THE DISCLOSURE

In the present invention, the impedance between patient's body and the jet injection drug delivery device is measured through the liquid jet during the drug delivery process. The liquid jet completes the electrical circuit formed by impedance monitor, drug delivery device, and the patient's body. When the jet pierces stratum corneum, the impedance in the circuit immediately decreases, thus indicating the successful drug delivery. The impedance monitor then provides a signal, visible, audible, or electronic, indicating that the process of the drug delivery through skin was successful.